



Our Reference No. 9369-292

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	
)	
Maurice M. Moloney and Gijs van Rooijen)	
)	Art Unit: 1638
Serial No. 10/763,380)	
)	Examiner: unknown
Filing Date: January 26, 2004)	
)	
For: Preparation of Heterologous Proteins)	
On Oil Bodies)	

The Commissioner for Patents
P.O. Box 1450
Alexandria, VA
U.S.A. 22313-1450

Dear Sir:

FILING OF AN INFORMATION DISCLOSURE STATEMENT

In accordance with 37 CFR 1.97 and 1.98, and in recognition of the duty of disclosure set forth in 37 CFR 1.56, Applicants hereby submit an Information Disclosure Statement on Form PTO-1449 containing a listing of publications of which Applicants are aware. Pursuant to 37 CFR 1.98(d) Applicants are not required to submit the references listed on the Information Disclosure Statement as all of the references were previously submitted by Applicants or were cited by the Examiner in the parent application U.S. Patent Application No. 09/893,525 filed June 29, 2001.

All of the publications submitted herewith are in the English language. Accordingly a concise explanation of the relevance of the documents is not required.

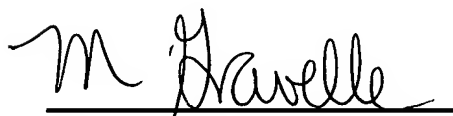
The Examiner is requested to indicate consideration of these documents by initialling the appropriate column.

Applicants reserve the right to contest the applicability of any of these documents as prior art against the subject application. If the Examiner has any questions concerning this Information Disclosure Statement, he/she is requested to contact the undersigned. Entry of the enclosed Information Disclosure Statement is believed to be in order and is respectfully requested.

This Information Disclosure Statement is being filed before the issuance of a first official action, and therefore no fees are required. However, please charge our deposit account No. 02-2095 if such a fee is required.

Respectfully submitted,

**MAURICE M. MOLONEY and
GIJS VAN ROOIJEN**

A handwritten signature in black ink, appearing to read "M. Gravelle", is written over a horizontal line.

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Dated: August 17, 2004

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/763,380	
			Filing Date	January 26, 2004	
			First Named Inventor	Maurice M. Moloney	
			Art Unit	1638	
			Examiner Name	Unknown	
Sheet	2	of	4	Attorney Docket Number	9369-292

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1.	Radke et al., "Transformation of Brassica napus L. using Agrobacterium tumefaciens: Developmentally Regulated Expression of a Reintroduced Napin Gene", Theor. Appl. Genet. (1988) 75:685-694	
	2.	Taylor et al., "Storage-protein Regulation and Lipid Accumulation in Microspore embryos of Brassica napus L.", Planta (1990) 181:18-26	
	3.	Sijmons et al., "Production of Correctly Processed Human Serum Albumin in Transgenic Plants" Bio/Technology (1990) 8:217-221	
	4.	Huang, "Lipid Bodies" Modern Methods Plant Analysis (1985) 1:145-151	
	5.	Misra and Gedamu, "Heavy Metal Tolerant Transgenic Brassica napus L. and Nicotiana tabacum L. Plants" Theor. Appl. Genet. (1989) 78:161-168	
	6.	Hatzopoulos et al., "Interaction of Nuclear Factors with Upstream Sequences of Lipid Body Membrane Protein Gene from Carrot" The Plant Cell (1990) 2:457-467	
	7.	Lee et al., "Maize Oleosin is Correctly Targeted to Seed Oil Bodies in Brassica napus Transformed with the Maize Oleosin Gene" PNAS USA (1991) 88:6181-6185	
	8.	Vance and Huang, "Expression of Lipid Body Protein Gene during Maize Seed Development" J. Biol. Chem. (1988) 263:1476-1481	
	9.	Vance and Huang, "The Major Protein from Lipid Bodies of Maize" J. Biol. Chem. (1987) 262:11275-11279	
	10.	Qu and Huang, "Oleosin KD 18 on the Surface of Oil Bodies in Maize" J. Biol. Chem (1990) 265:2238-2243.	
	11.	Sengupta-Gopalan et al., "Developmentally Regulated Expression of the Bean Beta-phaseolin Gene in Tobacco Seed" PNAS USA (1985) 82:3320-3324	

Examiner Signature		Date Considered	
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Sheet 3 of 4

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	12.	Fraley et al., "Expression of Bacterial Genes in Plant Cells" PNAS USA (1983) 80:4803-4807	
	13.	Vanderkerckhove et al., "Enkephalins Produced in transgenic Plants using Modified 2S Seed Storage Proteins" BIO/Technology (1989) 7:929-932	
	14.	Murphy et al., "Synthesis of the Major Oil-body Membrane Protein in Developing Rapeseed (Brassica napus) Embryos" Biochem J. (1989) 258:285-293	
	15.	Qu et al., "Characteristics and Biosynthesis of Membrane Proteins of Lipid Bodies in the Scutella of Maize (Zea mays L.)" Biochem. J. (1986) 235:57-65	
	16.	Josefsson et al., "Structure of a Gene Encoding the 1.7 S Storage Protein Napin, from Brassica napus" J. Biol. Chem (1987) 262:12196-12201	
	17.	Scofield and Crouch, "Nucleotide Sequence of A Member of the Napin Storage Protein Family From Brassica napus" J. Biol. Chem. (1987) 262:12202-12208	
	18.	Fujikawa et al., "Bovine Factor X1 (Stuart Factor), Mechanism of Activation by a Protein from Russell's Viper Venom" Biochemistry (1972) 11:4892-4899	
	19.	Nagai et al., "Oxygen Binding Properties of Human Mutant Hemoglobins Synthesized in Escherichia coli" PNAS USA (1985) 82:7252-7255	
	20.	Scholtissek and Grosse, "A Plasmid Vector System for the Expression of a Triprotein Consisting of Beta galactosidase, a Collagenase Recognition Site and a Foreign Gene Product" Gene (1988) 62:55-64	
	21.	Bevan, "Binary Agrobacterium Vectors for Plant Transformation" Nucl. Acids. Res. (1984) 12:8711-8721	
	22.	Murphy et al., "A class of Amphipathic Proteins Associated with Lipid Storage Bodies in Plants" Biochem. Biophys. Acta (1991) 1088:86-94	

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	23.	Antoni et al., "A Short Synthetic Peptide Fragment of Human Interleukin 1 with Immunostimulatory But not Inflammatory Activity" J. Immunol. (1986) 137:3201-3204	
	24.	An et al., "New Cloning Vehicles for Transformation of Higher Plants" Embo J. (1985) 4:277-284	
	25.	Hood et al., "The Hypervirulence of Agrobacterium tumefaciens A281 is encoded in a Region of pTiBo542 outside of T-DNA" J. Bacteriol. (1986) 168:1291-1301	
	26.	Holbrook et al., "Oilbody Proteins in Microspore-derived Embryos of Brassica napus" Plant Physiol. (1991) 97:1051-1058	
	27.	Kalinski et al., "Molecular Cloning of a Protein Associated with Soybean Seed Oil Bodies that is Similar to Thiol Proteases of the Papain Family" J. Biol. Chem. (1990) 265:13843-13848	
	28.	Bosch et al., "A trout growth hormone is expressed, correctly folded and partially glycosylated in the leaves but not the seeds of transgenic plants" Transgenic Research (1994) 3:304-310	
	29.	Chen, Jeff C.F. et al., "Cloning and Secondary Structure Analysis of Caleosin, a Unique Calcium-Binding Protein in Oil Bodies of Plant Seeds", Plant Cell Physiol. 40 (10), 1079-1086 (1999).	
	30.	Naested, Henrich, et al., "Caleosin: Ca ²⁺ -binding proteins associated with lipid bodies", Plant Molecular Biology, 44:463-476, 2000.	
	31.	Nuccio, Michael L. and Terry L. Thomas, "ATS1 and ATS3: two novel embryo-specific genes in Arabidopsis thaliana", Plant Molecular Biology 39:1153-1163, 1999.	

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